



IFCW

PATENT  
Attorney Docket No. 018907.0112

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application: )  
Takayuki KAWAHARA et al. ) Group Art Unit: 3746  
Application Number: 10/797,567 ) Examiner: To Be Assigned  
Filed: March 11, 2004 ) Confirmation No. 4814  
For: HYBRID COMPRESSOR )

INFORMATION DISCLOSURE STATEMENT

**MAIL STOP AMENDMENTS**

Commissioner of Patents  
U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, and in compliance with the duty of disclosure set forth in 37 C.F.R. § 1.56, Applicants are submitting herewith copies of the references listed on the attached Form PTO-1449 (modified) for consideration and to be made of record by the U.S. Patent and Trademark Office (PTO) in the above-captioned patent application.

Applicants respectfully request that the Examiner consider these references and that the Examiner indicate that these enclosed references have been considered in this application by returning a copy of the form PTO-1449 with the Examiner's initials in the left column per MPEP 609.

In accordance with 37 C.F.R. § 1.97(b), Applicants believe that this Information Disclosure Statement is submitted prior to issuance of a first Office Action on the merits. Therefore, no fees are believed due as a result of this submission. However, in the event of any

variance between the fees determined by Applicants and those determined by the PTO, please charge any such variance to undersigned's Deposit Account No. 02-0375.

Respectfully submitted,  
BAKER BOTTS L.L.P.

By:

James B. Arpin  
Registration No. 33,470

Dated: November 10, 2004

Baker Botts L.L.P.  
The Warner; Suite 130  
1299 Pennsylvania Avenue, N.W.  
Washington, D.C. 20004-2400  
(202) 639-7700 (telephone)  
(202) 639-7890 (facsimile)

JBA/dh

Enclosures

FORM PTO-1449 (Modified) (REV. 7-80)		U. S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE						ATTY. DOCKET NO. 018907.0112		APPLICATION NO. 10/797,567			
<p style="text-align: center;">LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)</p> <p style="text-align: right;">NOV 10 2004 U. S. PATENT &amp; TRADEMARK OFFICE OPIE SCITA</p>								APPLICANT Takayuki Kawahara <u>et al.</u>					
								FILING DATE March 11, 2004		GROUP 3746			
U. S. PATENT DOCUMENTS													
*EXAMINER INITIAL		DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
		0	0	5	3	9	1	6	3/20/03	Terauchi			
		0	1	5	2	4	6	7	8/14/03	Higashiyama <u>et al.</u>			
		0	1	3	6	1	3	8	7/24/03	Tsuboi <u>et al.</u>			
		5	3	8	5	4	5	3	1/31/95	Fogt <u>et al.</u>			
		5	4	3	5	1	4	4	7/25/95	Kalmbach			
		5	8	6	7	9	9	6	2/9/99	Takano <u>et al.</u>			
		5	9	8	3	6	5	6	11/16/99	Tokumasu			
		6	1	0	9	0	4	5	8/29/00	Takenaka			
		6	1	9	2	1	5	5	2/20/01	Fan			
		6	2	1	7	2	9	7	4/17/01	Tsumagari <u>et al.</u>			
FOREIGN PATENT DOCUMENTS													
		DOCUMENT NUMBER						DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
		6	8	7	6	7	8	12/22/84	Japan (with abstract)			<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
		60	1	5	3	8	8	5	10/14/85	Japan			<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)													
EXAMINER								DATE CONSIDERED					
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.</p>													

FORM PTO-1449 (Modified) (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE							ATTY. DOCKET NO.		APPLICATION NO.		
									018907.0112		10/797,567		
LIST OF REFERENCES CITED BY APPLICANT  (Use several sheets if necessary)											APPLICANT		
											Takayuki Kawahara <u>et al.</u>		
		FILING DATE		GROUP									
		March 11, 2004		3746									
U.S. PATENT DOCUMENTS													
*EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2003	0	0	5	3	9	1	6	3/20/03	Terauchi			
	2003	0	1	5	2	4	6	7	8/14/03	Higashiyama <u>et al.</u>			
	2003	0	1	3	6	1	3	8	7/24/03	Tsuboi <u>et al.</u>			
		5	3	8	5	4	5	3	1/31/95	Fogt <u>et al.</u>			
		5	4	3	5	1	4	4	7/25/95	Kalmbach			
		5	8	6	7	9	9	6	2/9/99	Takano <u>et al.</u>			
		5	9	8	3	6	5	6	11/16/99	Tokumasu			
		6	1	0	9	0	4	5	8/29/00	Takenaka			
		6	1	9	2	1	5	5	2/20/01	Fan			
		6	2	1	7	2	9	7	4/17/01	Tsumagari <u>et al.</u>			
FOREIGN PATENT DOCUMENTS													
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
		6	8	7	6	7	8		12/22/84	Japan (with abstract)			<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
		60	1	5	3	8	8	5	10/14/85	Japan			<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)													
EXAMINER									DATE CONSIDERED				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.													

FORM PTO-1449 (Modified) (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE							ATTY. DOCKET NO.		APPLICATION NO.			
									018907.0112		10/797,567			
									APPLICANT					
									Takayuki Kawahara <u>et al.</u>					
									FILING DATE		GROUP			
									March 11, 2004		3746			
U.S. PATENT DOCUMENTS														
*EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
		6	2	3	0	5	0	7						
		6	2	4	7	8	9	9	5/15/01	Ban <u>et al.</u>				
		6	2	8	7	0	8	1	6/19/01	Ban <u>et al.</u>				
		6	2	3	4	7	6	9	9/11/01	Tamegai <u>et al.</u>				
		6	2	3	4	7	6	9	5/22/01	Sakai <u>et al.</u>				
		6	3	3	4	7	5	5	1/1/02	Coudray <u>et al.</u>				
		6	3	7	5	4	3	6	4/23/02	Irie <u>et al.</u>				
		6	4	4	3	7	1	2	9/3/02	Sakai <u>et al.</u>				
		6	5	4	3	2	4	3	4/8/03	Mohrman <u>et al.</u>				
2004		0	0	2	0	2	2	9	2/5/04	Adachi <u>et al.</u>				
2004		0	0	0	0	1	5	6	1/1/04	Inoue <u>et al.</u>				
FOREIGN PATENT DOCUMENTS														
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
		YES	NO											
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)														
EXAMINER								DATE CONSIDERED						
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.														

FORM PTO-1449 (Modified) (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE							ATTY. DOCKET NO.		APPLICATION NO.			
									018907.0112		10/797,567			
		LIST OF REFERENCES CITED BY APPLICANT  (Use several sheets if necessary)							APPLICANT					
									Takayuki Kawahara <u>et al.</u>		FILING DATE		GROUP	
									March 11, 2004		3746			
<b>U.S. PATENT DOCUMENTS</b>														
*EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
		4	5	9	1	3	1	8						
		4	9	9	0	0	7	1	5/27/86	Elson				
		4	9	9	0	0	7	1	2/5/91	Sugimoto				
		5	7	5	5	5	6	4	5/26/98	Machida <u>et al.</u>				
		0	0	0	1	7	6	0	1/1/04	Yoshii <u>et al.</u>				
2001		0	0	4	9	9	4	3	12/13/01	Nakamura <u>et al.</u>				
2001		0	0	4	7	6	5	9	12/6/01	Nakamura <u>et al.</u>				
2004		0	2	1	1	1	9	7	10/28/04	Higashiyama <u>et al.</u>				
<b>FOREIGN PATENT DOCUMENTS</b>														
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
		1	2	1	3	1	6	6					YES	NO
		1	9	5	1	3	7	10	6/12/02	Europe			X	
		1	9	5	1	3	7	10	10/26/95	Germany (with abstract)			X	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)</b>														
EXAMINER								DATE CONSIDERED						
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.														